

Wochnick, Heather M CIV NAVFAC HQ, BRAC PMO

From: Versluis, Patrick <pversluis@ocwd.com>
Sent: Thursday, April 12, 2018 12:14
To: Chammass, Guy A CIV
Cc: Herndon, Roy
Subject: [Non-DoD Source] (b) (9) Results for PFAS Analysis
Attachments: IRWD-110_EPAMethod537_Results.pdf

Guy,

At the meeting with OCWD and IRWD a few weeks ago, you had asked if I could send you the PFAS results we had for (b) (9).

I have attached the results from a sample we had collected back in 2016 using EPA Method 537. At that time, the OCWD Laboratory was still reporting RDL's used in the previous UCMR3 program.

Since that time, the OCWD Laboratory has been able to reduce all PFAS RDL's tested in EPA Method 537 down to 4 ng/L. We have been and will be performing more monitoring for PFAS compounds in the area of the MCAS El Toro. We will plan to share those results in the near future as well.

Please let me know if you have any questions.

Pat

<<http://www.ocwd.com/>> <<http://www.ocwd.com/>>

Patrick Versluis
Director of Water Quality

Orange County Water District
18700 Ward Street, Fountain Valley, CA 92708
tel: (714) 378-8241 | Cell (949) 351-1245
fax: (714) 378-3259

email: pversluis@ocwd.com

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**ORANGE COUNTY WATER DISTRICT
HISTORICAL SAMPLE INFORMATION AND RESULTS**

Station Name: (b) (9)
Station Type: WELL CASING
Perf Interval (ft bgs): 555-1015
Aquifer: UNDEFINED

State Well Number: (b) (9)
Well Owner: IRVINE RANCH WATER DISTRICT
Well Name:
City: IRVINE

Sample Group ID: 16008645
Sample ID: 16018300
Sample Date/Time: 08/09/2016 11:55
End Sample Date/Time:
Sample Depth(ft):
Sample Matrix: WATER
Sampling Method: DEDICATED PUMP
Sampling Agency: ORANGE COUNTY WATER DISTRICT
Monitoring Program: Title 22
Sampled By: BRIAN OKEY

Lab Sample Number: 16080289-02
Laboratory: OCWD
Analysis Requested: 537
Receive Date/Time: 08/09/2016 13:55
Number of Bottles: 2
Field Filtered: N
Field Preserved: Y
Field Cooled: Y

Abbreviation	Parameter Name	Analysis Method	Extract	Dates Analysis	Results Value	Units	Detection Limit Value	Units
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Reported Values

Data Access: Approved for External Use Qualifier: Validated Sample

PFBS	Perfluoro butane sulfonic acid	537	08/16/2016	08/23/2016	ND	ng/L	90	ng/L
PFHpA	Perfluoro heptanoic acid	537	08/16/2016	08/23/2016	ND	ng/L	10	ng/L
PFHxS	Perfluoro hexane sulfonic acid	537	08/16/2016	08/23/2016	ND	ng/L	30	ng/L
PFNA	Perfluoro nonanoic acid	537	08/16/2016	08/23/2016	ND	ng/L	20	ng/L
PFOA	Perfluoro octanoic acid	537	08/16/2016	08/23/2016	ND	ng/L	20	ng/L
PFOS	Perfluoro octane sulfonic acid	537	08/16/2016	08/23/2016	ND	ng/L	40	ng/L